Page 1

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	22	mobile near satellite near communication and beamform$3	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2004/12/21 17:44
S4	44	mobile near satellite near communication and beam near form$3	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2004/12/17 10:16
S5	1	("d398305").PN.	USPAT; USOCR	OR	OFF	2004/12/17 10:18
S6	3	mobile near satellite near payload	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2004/12/17 13:31
S7	1	mobile near satellite and phase near array and radiat$3 near element$2 and low near noise near amplifier$2 and (multiple$2 or plurat$3 or many) near A/D	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2004/12/17 13:33
S8	27	mobile near satellite and phase near array near antenna	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2004/12/17 13:34
S9	12	mobile near satellite and phase near array near antenna and radiat$3 near element$2	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2004/12/17 13:34
S11	0	mobile near satellite and (multiple or plural$3 or many) near LNA and (multiple or plural$3 or many) near A/D	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/20 16:19
S12	0	mobile near satellite and plural$3 near LNA and plural$3 near A/D and phase near array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/20 16:20
S13	0	mobile near satellite and plural$3 near LNA and A/D and phase near array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/20 16:20

Page 2

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S14	1	mobile near satellite and LNA and A/D and phase near array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/20 16:21
S15	27	mobile near satellite and LNA and A/D	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/20 16:24
S16	0	mobile near satellite and low near noise near amplifier and analog near to near digital near converter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/20 16:24
S17	2	beam near communication$2 near system$2 and sampl$3 and receive$2 near signal and digital near beam near former	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/20 16:26
S18	16	(("2470787") or ("3384891") or ("3541553") or ("3544995") or ("3720953") or ("4161730") or ("4161734") or ("4329733") or ("4613864") or ("4635063") or ("4819227")).PN.	USPAT; USOCR	OR	OFF	2004/12/20 16:29
S27	1	beam near communication$2 and sampl$3 and receive$2 near signal and sampl$3 near frequency and A/D and "1/A*fs"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/20 16:56
S28	89	beam near communication$2 and sampl$3 and receive$2 near signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/20 16:57
S29	1084	beam near communication$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/20 16:57

Page 3

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S31	3081	mobile near satellite	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/20 16:58
S32	932	beam near satellite	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/20 16:58
S33	8	beam near satellite and "low noise amplifier" and "analog-to-digital converter"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/20 16:58
S34	4	beam near communication$2 and sampl$3 near rate$2 and aperture near time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/20 17:02
S35	1931	beam near former	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/20 17:02
S36	1	beam near former and C near2 band and L near2 band and SHF and KU and EHF and S near2 band	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/20 17:20
S37	3	C near2 band and L near2 band and SHF and KU and EHF and S near2 band	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/20 17:21
S38	64	mobile near satellite and A/D and transform$3 and (different or various) near frequenc$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/21 10:29

Page 4

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S39	0	mobile near satellite and A/D and transform$3 and (different or various) near frequenc$3 and aperture near time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/21 10:15
S40	2	mobile near satellite and A/D and transform$3 and (different or various) near frequenc$3 and LNA	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/21 10:15
S41	24	beam near form$3 and LNA and A/D and (different or various) near frequenc$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/21 10:33
S42	0	beam near form$3 and LNA and A/D and (different or various) near frequenc$3 and predetermine$3 near sampl$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/21 10:31
S43	0	(multiple or many or several) near beam near form$3 and LNA and A/D and (different or various) near frequenc$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/21 10:34
S44	10	(multiple or many or several) near beam and LNA and A/D and (different or various) near frequenc$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/21 11:14
S45	3	SHF and KU and EHF and L near band and S near band and C near band	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/21 11:54
S46	557	digital near beam near form$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/21 11:54

S47	12	S46 and LNA and A/D	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/21 11:56
S48	8	S47 and predetermine$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/21 12:15
S49	28	S46 and phase near array near antenna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/21 12:15
S50	0	S46 and phase near array near antenna and predetermine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/21 12:15
S51	18	S46 and phase near array near antenna and predetermine$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/21 12:15
S52	9	S46 and phase near array near antenna and predetermine$3 and sampl$3 near rate$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/21 13:12
S53	15	(("3,541,553") or ("5,151,706") or ("5,589,834") or ("5,764,187") or ("5,839,053") or ("5,982,737") or ("6,016,124") or ("6,018,216") or ("6,020,845") or ("6,061,562") or ("6,173,178") or ("6,266,528") or ("6,380,893") or ("6,388,615") or ("6,400,925")).PN. or ((2091/0048389) or (2002/0006795)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/21 14:47
S54	2	(("5839053") or ("6018316")).PN. or ((2091/0048389A1) or (2002/0006795A1)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/21 14:50
S55	0	((2001/0048389A1) or (2002/0006795A1)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/21 14:50

S56	0	((2001/0048389) or (2002/0006795)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/21 14:52
S57	9	2001/0048389 2002/0006795	USPAT	OR	OFF	2004/12/21 14:52
S58	10	"0048389" "0006795"	USPAT	OR	OFF	2004/12/21 14:52
S59	4	(("0048389") or ("0006795")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/21 14:54
S60	6	2001/0048389	US-PGPUB; USPAT	OR	OFF	2004/12/21 14:55
S61	0	Nakagawa and "0048389"	US-PGPUB; USPAT	OR	OFF	2004/12/21 14:55
S62	16178	Nakagawa	US-PGPUB; USPAT	OR	OFF	2004/12/21 14:57
S63	55395	Nakagawa, Takashi	US-PGPUB; USPAT	OR	OFF	2004/12/21 14:57
S64	16178	Nakagawa, Takashi and 342/378. CCLS	US-PGPUB; USPAT	OR	OFF	2004/12/21 14:58
S66	8140764	US 2001/0048389	US-PGPUB; USPAT	OR	OFF	2004/12/21 15:04
S67	31	(("2,470,787") or ("3,384,891") or ("3,544,995") or ("3,720,953") or ("4,161,730") or ("4,161,734") or ("4,359,733") or ("4,613,864") or ("4,635,063") or ("4,819,227") or ("4,897,661") or ("4,979,170") or ("4,994,809") or ("5,006,855") or ("5,077,562") or ("5,099,245") or ("5,111,209") or ("5,126,748") or ("5,218,610") or ("5,233,626") or ("5,278,863") or ("5,319,673") or ("5,387,916") or ("5,410,314") or ("5,444,450") or ("5,485,485") or ("5,525,905")).PN.	USPAT; USOCR	OR	OFF	2004/12/21 15:30
S68	23	(("5,555,257") or ("5,572,216") or ("5,592,471") or ("5,594,941") or ("5,612,701") or ("5,644,572") or ("5,739,785") or ("5,790,070") or ("5,810,284") or ("5,856,804") or ("5,864,570") or ("5,903,540") or ("5,900,460") or ("5,920,284") or ("5,944,770") or ("5,945,948") or ("5,949,766") or ("5,969,674") or ("5,973,647") or ("6,111,542") or ("6,138,012") or ("6,147,658") or ("6,151,308")).PN.	USPAT; USOCR	OR	OFF	2004/12/21 15:59
S69	2	(("5917447") or ("5017927")).PN.	USPAT; USOCR	OR	OFF	2004/12/21 15:59